



## **Major Product/Process Change Notice**

# Jetson AGX Xavier

Addition of Manufacturing BOM Components: Hynix DRAM  
and Western Digital eMMC

PCN208560



Major Product or Process Change Notification

<b>PCN Title:</b> Jetson AGX Xavier Addition of Manufacturing BOM Components: SK Hynix DRAM and Western Digital eMMC Memory			
Notification Date	April 06 <sup>th</sup> , 2022	Projected First Ship Date for Product	July 12 <sup>th</sup> , 2022

Change Information

**Description:**  
Manufacturing BOM additions of new memory:

- Addition of Hynix memory H54G56CYR BX247 DRAM
- Addition of Western Digital memory SDINBDG4-32G-1212 EMMC

**Reason:**  
Manufacturing BOM and supply chain is being expanded to include these items for supply continuity and resiliency.

**Impact (form, fit, function, quality, or reliability):**  
Form, fit, quality, or reliability:

- No change

Function:

- No change, assuming requirement to update software image flashed to the Jetson AGX Xavier (See Recommended Action section below) to include:
  - Appropriate BCT and DVFS changes required by the Hynix memory device

Qualification Plan and Data Availability

**Qualification Plan:**  
NVIDIA is committed to providing high quality products to our customers. The qualification of this revision adheres to the same stringent standards and procedures as those used for all NVIDIA products.  
**Projected Qualification Data Availability Date: May 04<sup>th</sup>, 2022**



### Method of Identifying Changed Product

**Details:**

Any Jetson AGX Xavier with 699 level part number version greater than or equal to 401 may be affected by this PCN. Each module has a label and/or 2D barcode which provides the 699 level part number.

For example, a module with 699 level part number 699-82888-0004-401 may be affected.

Customers may receive mixed shipments, with 699 level part number versions less than, equal to, or greater than 401. Modules with 699 level part number versions equal to or greater than 401 may be built with the new components described in this PCN, or with the older components.

### Recommended Action for Customers

To support the new Hynix DRAM and Western Digital EMMC, the software image flashed to the Jetson AGX Xavier must include:

- Appropriate BCT and DVFS changes required by the Micron memory device

BSP 32.7.2 or later releases of Linux for Tegra (L4T) will include the required change.

For customers using older versions of JetPack who are not able to update to the above version or later, please contact your NVIDIA support representative to discuss possibilities for patching.

Note that the new firmware is also fully compatible with the previous manufacturing BOM.

In addition to integrating the required software changes, customer should perform whatever additional qualification they deem required to validate the change.

### NVIDIA Contact

Please contact your Customer Program Manager or sales representative if additional information is required.

### Affected Product(s) or Ordering Codes

Production Part Number	Sample Part Number	Sample Availability Date
900-82888-0040-000	900-82888-0040-VB1	April 12 <sup>th</sup> , 2022

**Note:** For qualification samples, please place a sample order with the above Sample Part Number. Samples may not be available after the First Ship Date.



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